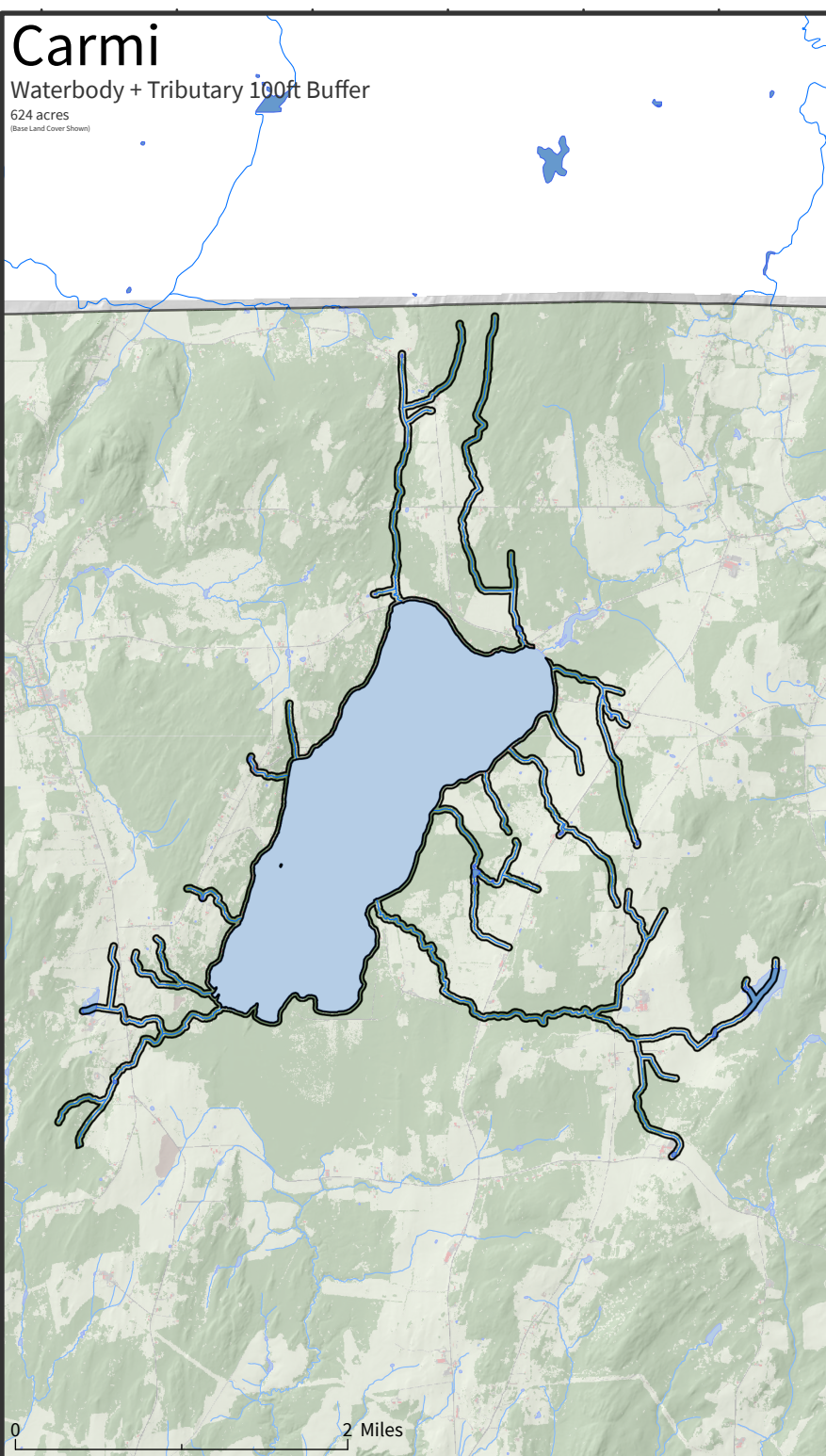


# Carmi

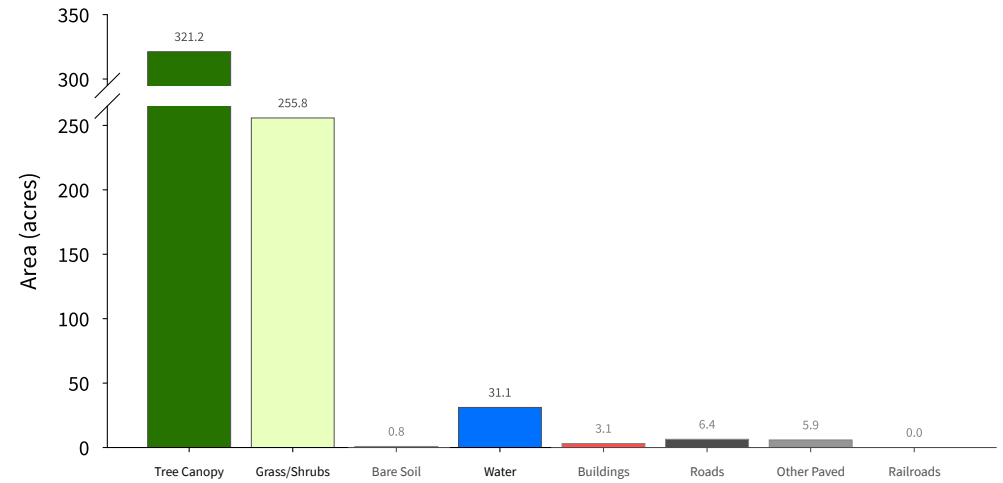
Waterbody + Tributary 100ft Buffer  
624 acres  
(Base Land Cover Shown)



External Data Sources: UWM SAL High-Resolution (0.5m) Land Cover Dataset, VCGI Vermont State LIDAR, National Hydrography Dataset

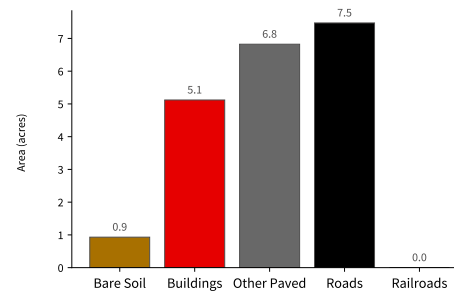
## High-Resolution Land Cover Summary

### Base Land Cover (Top-Down\*)

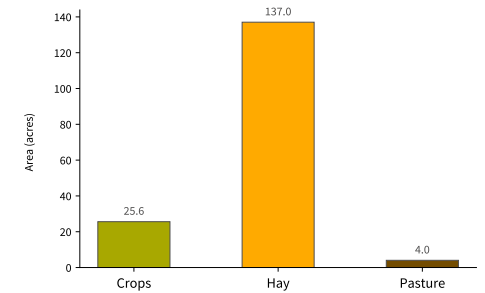


### Supplemental Land Cover

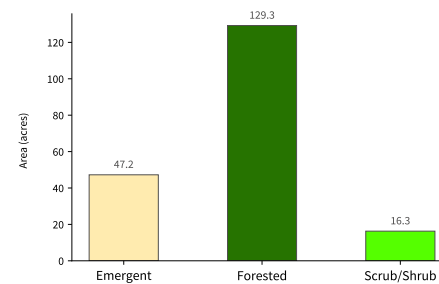
#### Impervious Surfaces (20.35 acres - 3.3 % of total) (Bottom-Up\*\*)



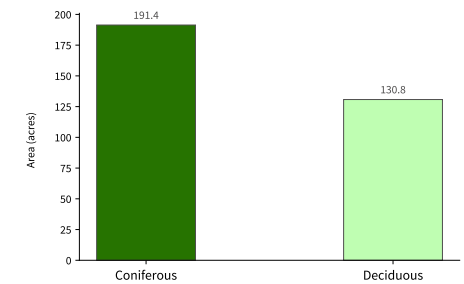
#### Agriculture (166.69 acres - 26.7 % of total)



#### Wetlands (192.75 acres - 30.9 % of total)



#### Tree Canopy (322.14 acres - 51.6 % of total)



\*Top-Down: A traditional land cover mapping approach - land cover is mapped as the uppermost land cover class.

\*\*Bottom-Up: A new land cover mapping approach - land cover is mapped as the lowermost land cover class. This approach results in improved mapping of features overlapped/observed by other features.

See UWM SAL High-Resolution Land Cover 2025 Report for more detail.

# Carmi

Waterbody 250ft Buffer

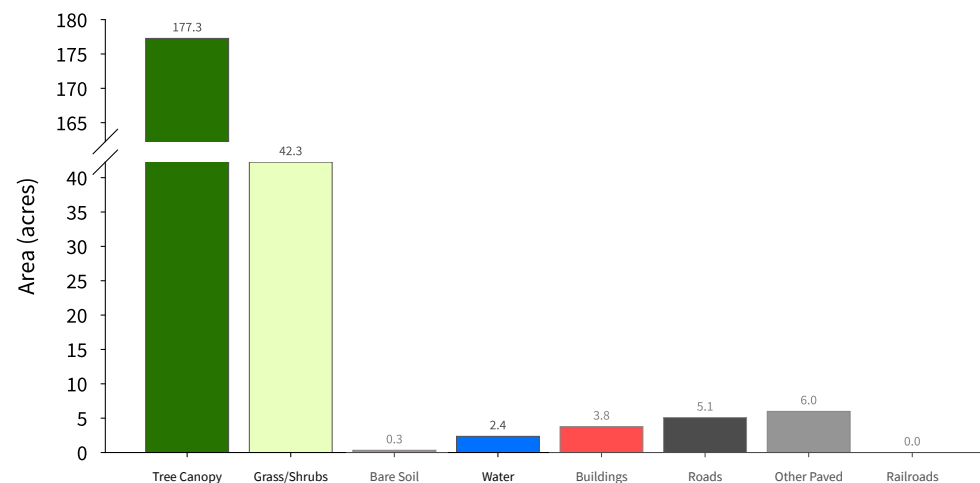
237 acres  
(Base Land Cover Shown)

0 1 Miles

External Data Sources: UWM SAL High-Resolution (0.5m) Land Cover Dataset, VCGI Vermont State LIDAR, National Hydrography Dataset

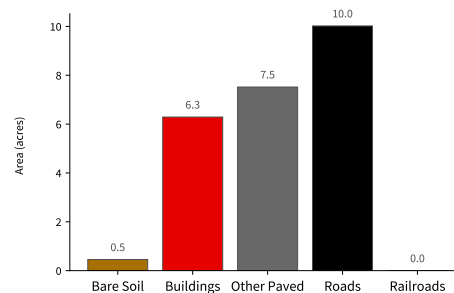
## High-Resolution Land Cover Summary

### Base Land Cover (Top-Down\*)

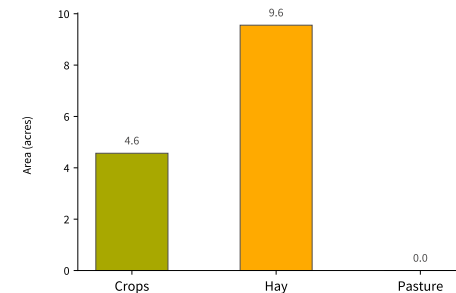


### Supplemental Land Cover

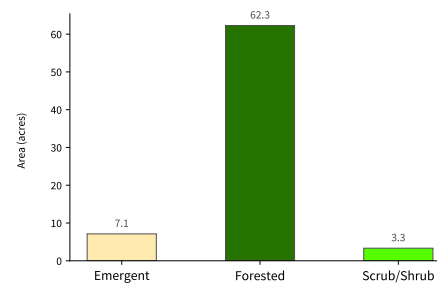
#### Impervious Surfaces (24.28 acres - 10.2 % of total) (Bottom-Up\*\*)



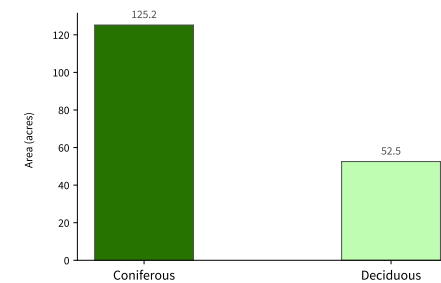
#### Agriculture (14.12 acres - 6 % of total)



#### Wetlands (72.71 acres - 30.7 % of total)



#### Tree Canopy (177.74 acres - 75 % of total)



\*Top-Down: A traditional land cover mapping approach - land cover is mapped as the uppermost land cover class.

\*\*Bottom-Up: A new land cover mapping approach - land cover is mapped as the lowermost land cover class. This approach results in improved mapping of features overlapped/observed by other features.

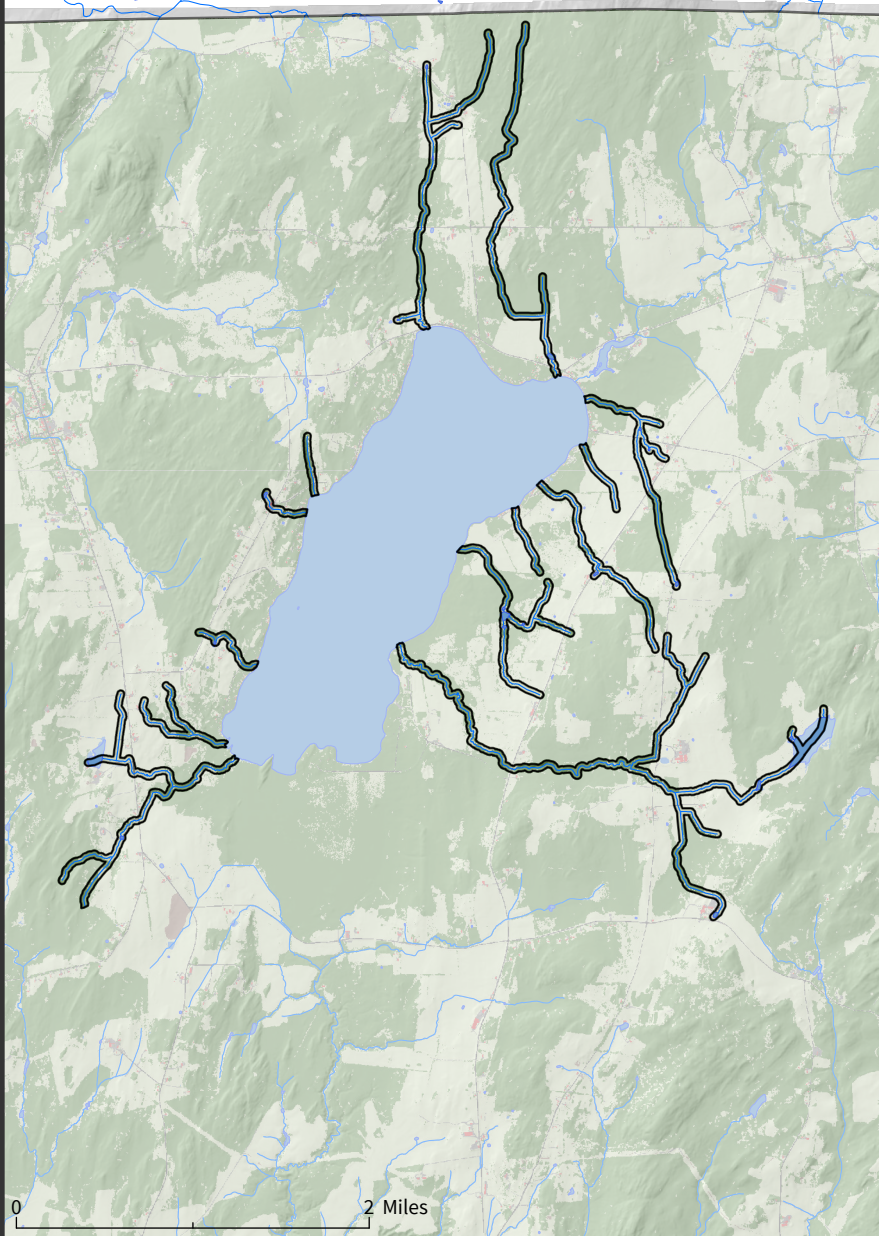
See UWM SAL High-Resolution Land Cover 2025 Report for more detail.



# Carmi

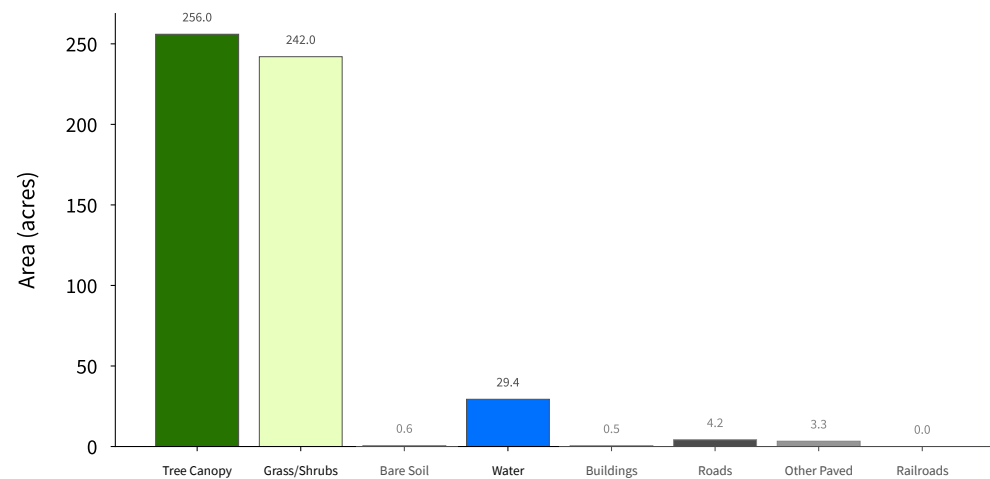
Tributary 100ft Buffer

536 acres  
(Base Land Cover Shown)



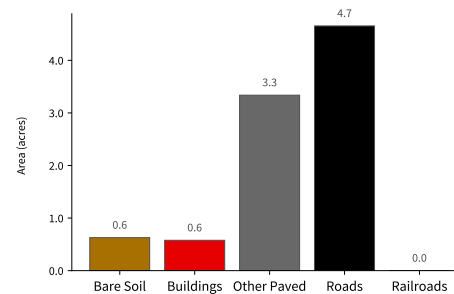
## High-Resolution Land Cover Summary

### Base Land Cover (Top-Down\*)

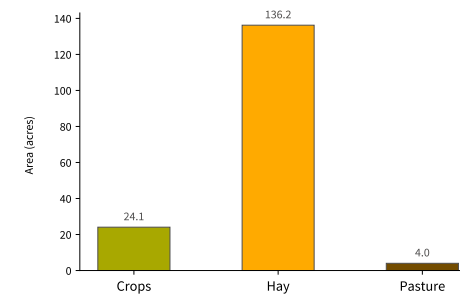


### Supplemental Land Cover

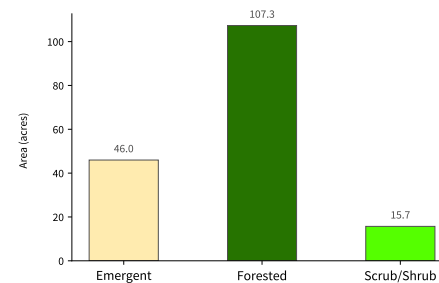
#### Impervious Surfaces (9.2 acres - 1.7 % of total) (Bottom-Up\*\*)



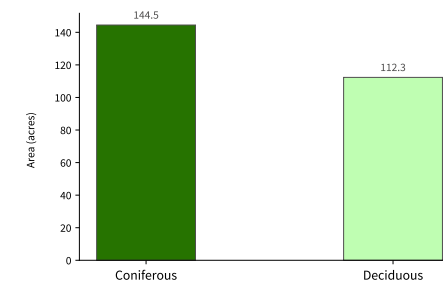
#### Agriculture (164.32 acres - 30.7 % of total)



#### Wetlands (169.01 acres - 31.5 % of total)



#### Tree Canopy (256.77 acres - 47.9 % of total)



# Carmi

Waterbody 100ft Buffer

95 acres

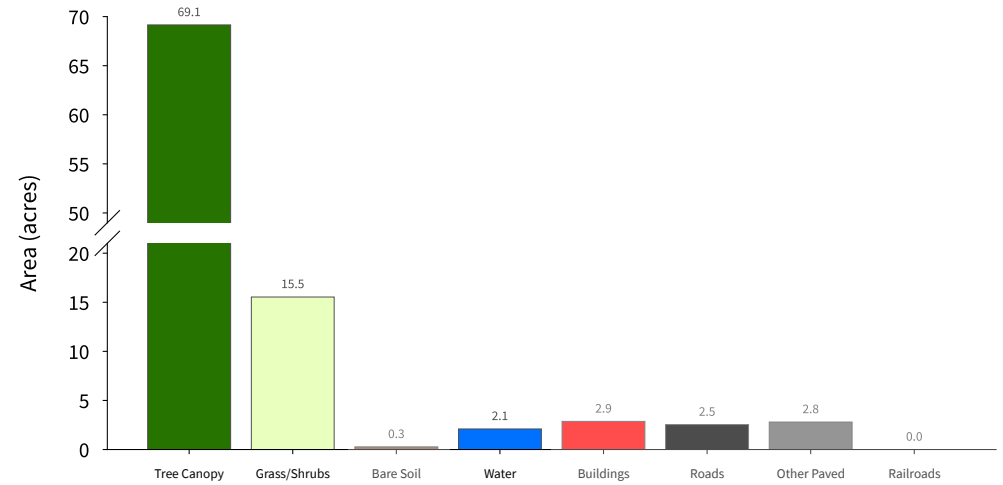
(Base Land Cover Shown)

0 1 Miles

External Data Sources: UWM SAL High-Resolution (0.5m) Land Cover Dataset, VCGI Vermont State LIDAR, National Hydrography Dataset

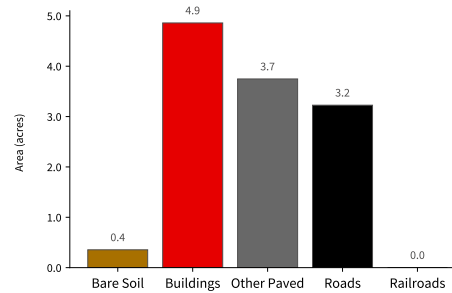
## High-Resolution Land Cover Summary

### Base Land Cover (Top-Down\*)

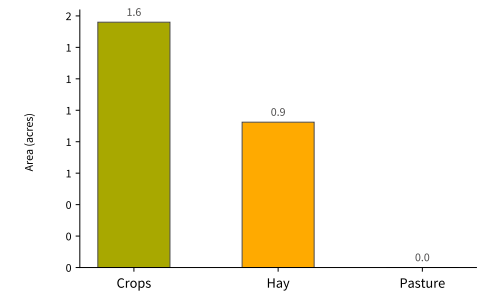


### Supplemental Land Cover

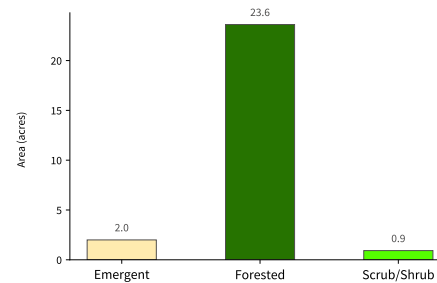
#### Impervious Surfaces (12.18 acres - 12.8 % of total) (Bottom-Up\*\*)



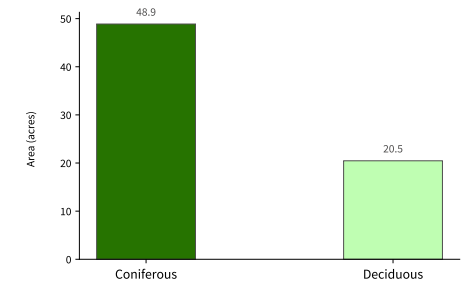
#### Agriculture (2.48 acres - 2.6 % of total)



#### Wetlands (26.53 acres - 27.9 % of total)



#### Tree Canopy (69.34 acres - 73 % of total)



\*Top-Down: A traditional land cover mapping approach - land cover is mapped as the uppermost land cover class.

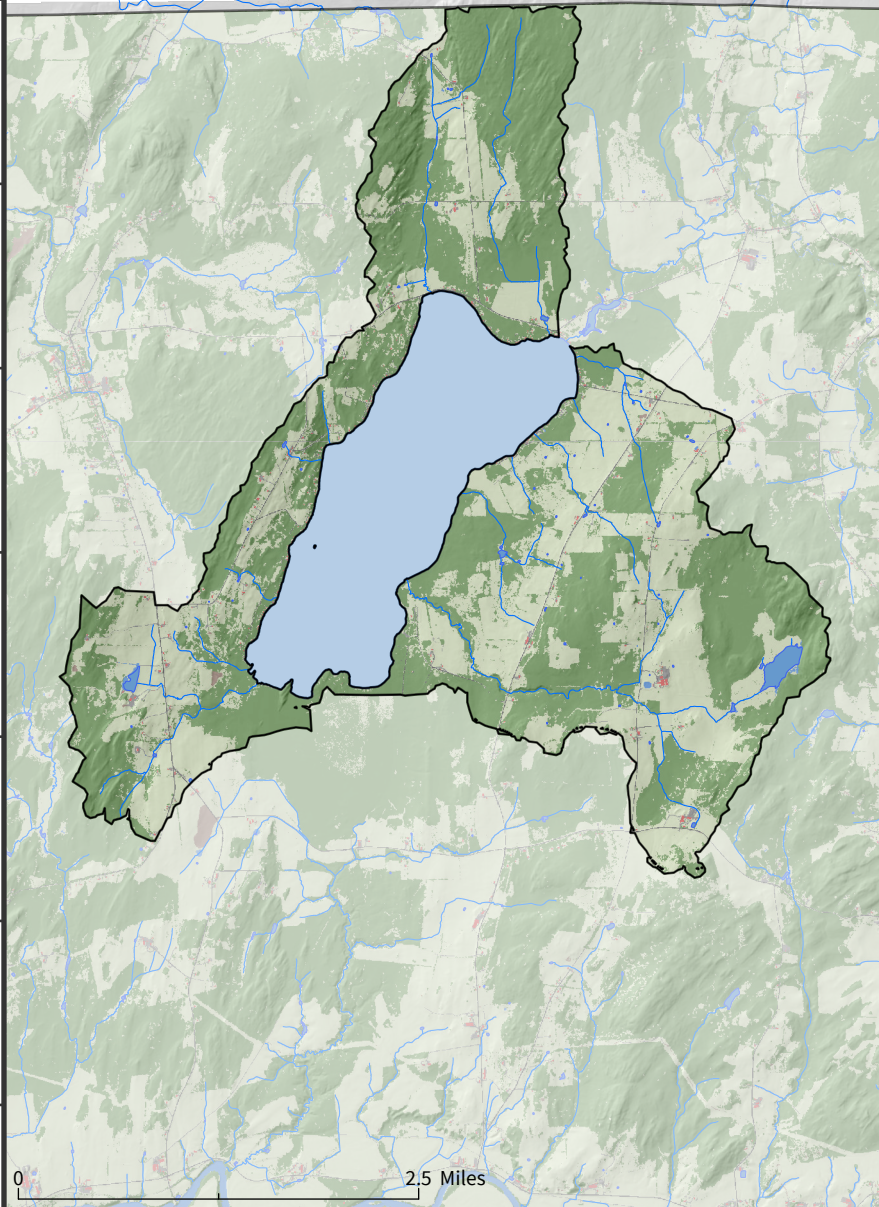
\*\*Bottom-Up: A new land cover mapping approach - land cover is mapped as the lowermost land cover class. This approach results in improved mapping of features overlapped/observed by other features.

See UWM SAL High-Resolution Land Cover 2025 Report for more detail.



# Carmi

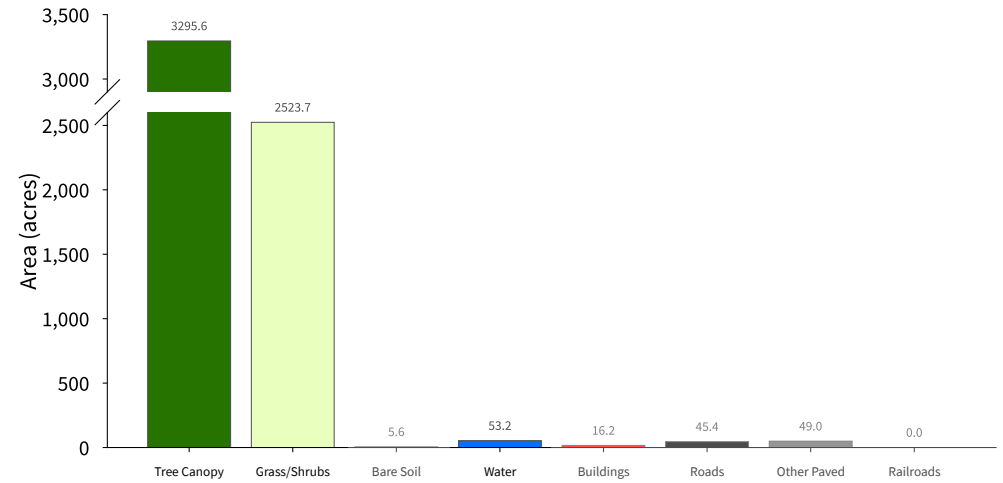
Watershed  
5,989 acres  
(Base Land Cover Shown)



External Data Sources: UWM SAL High-Resolution (0.5m) Land Cover Dataset, VCGI Vermont State LIDAR, National Hydrography Dataset

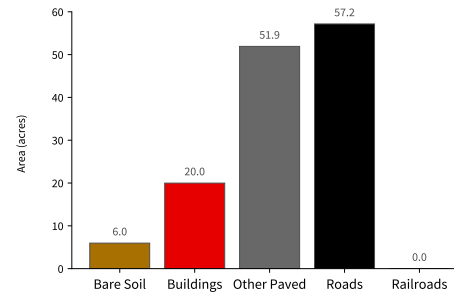
## High-Resolution Land Cover Summary

### Base Land Cover (Top-Down\*)

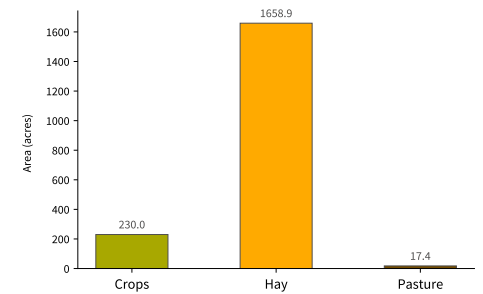


### Supplemental Land Cover

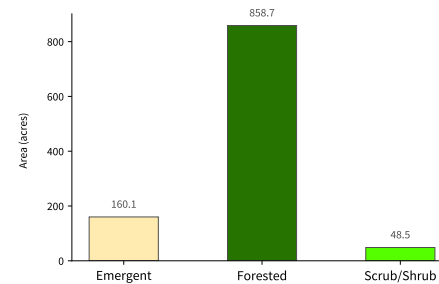
#### Impervious Surfaces (135.03 acres - 2.3 % of total) (Bottom-Up\*\*)



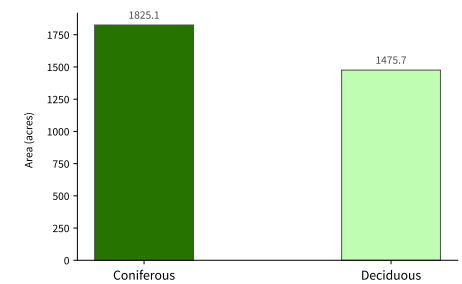
#### Agriculture (1,906.27 acres - 31.8 % of total)



#### Wetlands (1,067.27 acres - 17.8 % of total)



#### Tree Canopy (3,300.87 acres - 55.1 % of total)



\*Top-Down: A traditional land cover mapping approach - land cover is mapped as the uppermost land cover class.

\*\*Bottom-Up: A new land cover mapping approach - land cover is mapped as the lowermost land cover class. This approach results in improved mapping of features overlapped/obscured by other features. See UWM SAL High-Resolution Land Cover 2025 Report for more detail.